APPARATUS AND METHOD TO WRITE INFORMATION TO TWO
GEOGRAPHICALLY SEPARATED VIRTUAL TAPE SERVERS

Abstract Of The Disclosure

A method is disclosed to write information to two geographically separated

5   virtual tape servers, where a first virtual server includes a first adjustable host bandwidth,

and where a second virtual tape server includes a second adjustable host bandwidth, and

where the first virtual tape server and the second virtual tape server exchange information

via a virtual tape controller. The method provides a file to the virtual tape controller,

writes that file to the first virtual tape server, and queues a copy job for the file in the

10   virtual tape controller. Subsequently, the method provides the file to the second virtual

tape server. The method sets a throughput threshold, determines the actual VTC

throughput, and determines if the actual VTC throughput exceeds the throughput

threshold. The method sets an age threshold and determines if the copy job age is greater

than that age threshold. If the actual VTC throughput is greater than the throughput

15   threshold and the copy job age is greater than the age threshold, then the method

decreases the first adjustable host bandwidth and/or the second adjustable host

bandwidth, otherwise the method restores the bandwidth to a nominal value.